

PHOTOGRAPHIC INTERPRETATION REPORT



NOVOSIBIRSK
ICBM COMPLEX
USSR

TCS-80734/67
NOVEMBER 1967

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PREFACE

This report updates and supersedes TCS-80766/66, Novosibirsk ICBM Complex, USSR, 1/ the initial report in a series prepared in response to CIA Requirements C-DI5-82,972 and C-DI7-84,251 requesting detailed line drawings, to scale, of elements of the complex. The information contained herein is based on KEYHOLE photography through Mission [REDACTED] Individual reports will be updated periodically to reflect changes observed on subsequent photography.

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NOVOSIBIRSK ICBM COMPLEX, USSR

The Novosibirsk ICBM Complex (Figure 1) is in the northeastern corner of the Steppe Region of Western Siberia. It lies within a wide bend on the east bank of the Ob river north of Novosibirsk, the capital of Novosibirsk Oblast and leading city in Siberia. The city is situated on the Ob river, at the crossing of the Trans-Siberian Railroad, and has developed into an important industrial and river-rail transportation center of Western Siberia. It is now one of the largest machine manufacturing centers in the USSR.

The complex support facility is 12 nm north of the city, [REDACTED]

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[REDACTED] The complex contains 5 launch sites and covers an area of nearly 100 square miles. Extending about 8 nm north of the complex support facility are 2 Type IIIA and 1 Type IID launch sites; to the northeast are 1 Type IIB and 1 Type IID launch sites, with the farthest site about 10 nm from the complex support facility.

Terrain in the region of the complex is quite flat, with frequent shallow drains. It lies about 500 feet above sea level, with relative relief very slight over the entire complex. The area is covered by second growth trees, and was unused prior to deployment of the complex. A few small villages with individual agricultural plots are along the riverbank, as well as to the south and east of the complex.

The climate at Novosibirsk is comparable to that of Central Canada, with cold winters and pleasant summers. Annual precipitation is about 19 to 20 inches, with most of it falling during the summer months. Cloud cover over the year ranges from 60 to 80 per cent, with the highest from October through January. Temperatures during January, the coldest month, average between 3° and -70°F. The ground remains snow-covered from the beginning of November to the end of April. Summer temperatures range between 56° and 76°F during July.

The complex support facility is both rail and road served from the city of Novosibirsk. A spur branching from the Trans-Siberian Railroad just east of the city serves several industries and terminates at the complex support facility. A good road from the city parallels the rail line to the complex. Access to the launch sites is provided by all-weather roads that were constructed concurrently with the launch sites.

This complex was first observed in [REDACTED] when the complex support facility and Launch Site 1 (Type IIIA), as well as the road to Launch Site 2, were under construction. Neither facility was present in [REDACTED]

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Initial work on the complex support facility probably was started in [REDACTED] [REDACTED] was the estimated start of Launch Site 1. In [REDACTED] 3 more launch sites were started; a Type IIB and a Type IIIA in the spring, and a Type IID in the fall. The fifth and last site was probably started in the late [REDACTED] all sites were complete, except Launch Site 3. Construction of this site was unaccountably delayed, and it was not observed to be complete until [REDACTED]

This is one of the smaller Soviet ICBM complexes and, since the completion of the last launch site in [REDACTED] it has shown no further signs of deployment. In [REDACTED] a communications facility was under construction and a few buildings have been added since at the transfer point. No significant changes have been observed at the complex support facility. However, the original plans apparently called for 4 rail sidings in addition to the siding that serves the rail-to-road transfer point. These plans were either changed or 2 of the sidings were torn up after completion of the launch sites, as there are now only 2 sidings in the complex support facility, although grading for the other 2 is still apparent. Activity throughout the complex has always been maintained at a moderate level. Missiles and missile exercises are occasionally observed at the various launch sites and vehicular traffic is usually apparent along the complex roads.

The region to the east of the complex appears to be suitable for site construction, if the Soviets should decide to expand the complex. A few villages are scattered about, but other complexes have been deployed in more populated areas. If additional sites are deployed at this complex, they will more than likely be a follow-on to either the Type IIIC or IIID missile system.

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Components	Type	Geographic Coordinates
Complex Support Facility	--	55-15N 82-59E
Launch Site 1	IIIA	55-18N 83-01E
Launch Site 2	IIB	55-19N 83-10E
Launch Site 3	IIIA	55-23N 82-55E
Launch Site 4	IID	55-22N 83-13E
Launch Site 5	IID	55-19N 82-56E

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REFERENCES

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PHOTOGRAPHY



DOCUMENT

1. NPIC. TCS-80766/66, *Novosibirsk ICBM Complex USSR*, Aug 66 (TOP SECRET RUFF)

MAPS OR CHARTS

- US Air Target Chart, Series 200, Sheet 0162-5IIL, 2d ed, Sep 62, scale 1:200,000 (SECRET)
- US Air Target Chart, Series 200, Sheet 0162-10IIL, 2d ed, Oct 62, scale 1:200,000 (SECRET)

REQUIREMENT

- CIA. C-DI5-82,972
- CIA. C-DI7-84,251

NPIC PROJECT

- 11210/66 (partial answer)

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